

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the PATENT application of:

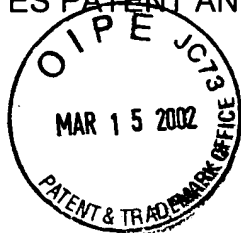
Michael L. GINIGER et al.

Serial No.: 09/652,793

Filed: August 31, 2000

For: Method and Apparatus for Providing Position-Related Information  
to Mobile Recipients

Assistant Commissioner for Patents  
WASHINGTON, D.C. 20231



RECEIVED

MAR 19 2002

Technology Center 2600

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the subject application are a Revocation of Power of Attorney or Authorization of Agent Form (1 page); Assignment (2 pages); Power of Attorney or Authorization of Agent Form (1 page); and a Statement Under 37 CFR 3.73(b) (1 page).

The Commissioner is hereby authorized to charge payment of any additional fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460.

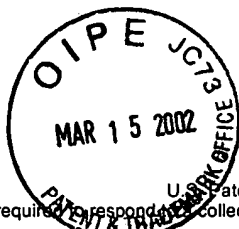
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patrick J. Finnan".

Patrick J. Finnan  
Registration No. 39,189

EPSTEIN, EDELL, SHAPIRO, FINNAN & LYTLE, LLC  
1901 Research Boulevard, Suite 400  
Rockville, Maryland 20850-3164  
(301) 424-3640  
Hand-delivered: March 15, 2002

Please type a plus sign (+) inside this box →



#3/Rev4P/A  
3/19/02  
a2

PTO/SB/82 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/652,793
Filing Date	August 31, 2000
First Named Inventor	Michael Giniger
Group Art Unit	
Examiner Name	
Attorney Docket Number	1954.0002C

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☒ Please change the correspondence address for the above-identified application to:

☒ Customer Number 27896

OR

RECEIVED

MAR 19 2002

Technology Center 2600



27896

PATENT TRADEMARK OFFICE

☐ Firm or  
Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

### SIGNATURE of Applicant or Assignee of Record

Name

David Romola; Spatial Adventures, Inc.

Signature

Date

2/11/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/652,793
Filing Date	August 31, 2000
First Named Inventor	Michael Giniger
Title	Method and Apparatus for Providing Position-Related Information to Mobile Recipients
Group Art Unit	
Examiner Name	
Attorney Docket Number	1954.0002C

I hereby appoint:

☒ Practitioners at Customer Number

27896

OR

☐ Practitioner(s) named below:

Name	Registration Number



27896

PATENT, TRADEMARK OFFICE

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number

Place Customer  
Number Bar Code  
Label here

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

RECEIVED

MAR 19 2002

Technology Center 2600

### SIGNATURE of Applicant or Assignee of Record

Name

David Romola; Spatial Adventures, Inc.

Signature

Date

2/11/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**STATEMENT UNDER 37 CFR 3.73(d)**Applicant/Patent Owner: Michael Giniger et al.Application No./Patent No.: 09/652,793 Filed/Issue Date: August 31, 2000Entitled: Method and Apparatus for Providing Position-Related Information to Mobile RecipientsSpatial Adventures, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010981, Frame 0665, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2/11/02  
Date

David Romola

David Romola  
Typed or printed name  
Signature

President  
Title

# ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by MICHAEL L. GINIGER and W. SCOTT HILTON, residing at GROTON, MASSACHUSETTS and GROTON, MASSACHUSETTS (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in METHOD AND APPARATUS FOR PROVIDING POSITION-RELATED INFORMATION TO MOBILE RECIPIENTS set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☐ bearing Application No. \_\_, and filed on \_\_; or
- (2) ☒ which is a non-provisional application
  - (a) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (b) ☒ bearing Application No. 08/698,148, and filed on AUGUST 15, 1996; or
  - (c) ☐ to be filed; and

WHEREAS, SPATIAL ADVENTURES, INC., a corporation duly organized under and pursuant to the laws of VIRGINIA and having its principal place of business at 4701 COX ROAD, SUITE 301, GLEN ALLEN, VIRGINIA 23060-6802 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 7/21/00 Signature of Assignor Michael L. Giniger  
Michael L. Giniger  
Date 7/21/00 Signature of Assignor W. Scott Hilton  
W. Scott Hilton